## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"20070275865".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/02 15:46
S2	215	"TAGAWA, KAZUO".in. or "TAKIGAWA, KATSUYA".in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/12/02 15:47
S3	448	S2 or "NIPPON OIL CORPORATION".as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/12/02 15:47
S4	25	S3 and phosphorothionate and mineral same oil	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/12/02 15:47
S5	158	508/438.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/02 15:47
S6	993	548/255.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/02 15:47
S7	2263	252/67,68.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/02 15:47
S8	3411	S5 or S6 or S7	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/02 15:48
S9	21	S8 and ((mineral same oil) same2 (nitrogen and aromatic)) and (phosphorus or phosphorothion\$4).bi.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/02 15:49
S10	52	Se and refrigerat\$4 near (oil or fluid or composition or lubrica\$4) and phosphorothion\$4.bi.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/02 15:49
S11	3	("4521296"   "6231782"   "6736991").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/02 16:39

S12	358	"20020098993"(US-PGPUB) "20020123436"(US-PGPUB)	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/02 16:40
		"20030146407"(US-PGPUB) "20030166478"(US-PGPUB)				
		"20070032391"(US-PGPUB)				
		"20080237534"(US-PGPUB)				
		"4046533"(USPAT)				
		"4828032"(USPAT)				
		"4918123"(USPAT)				
		"4967837"(USPAT)				
		"5202044"(USPAT)				
		"5366646"(USPAT) "5374366"(USPAT)				
		"5395544"(USPAT)				
		"5401433"(USPAT)				
		"5514292"(USPAT)				
		"5554311"(USPAT)				
		"5593957"(USPAT)				
		"5656577"(USPAT)				
		"5693257"(USPAT)				
		"5711895"(USPAT)				
		"5720895"(USPAT)				
		"5756857"(USPAT)				
		"5772866"(USPAT)				
		"5817251"(USPAT)				
		"5858266"(USPAT) "5869702"(USPAT)				
		"5916854"(USPAT)				
		"5922239"(USPAT)				
		"5997761"(USPAT)				
		"6013795"(USPAT)				
		"6019909"(USPAT)				
		"6096692"(USPAT)				
		"6183662"(USPAT)				
		"6190574"(USPAT)				
		"6193906"(USPAT)				
		"6207071"(USPAT)				
		"6228282"(USPAT) "6228820"(USPAT)				
		"6231782"(USPAT)				
		"6239086"(USPAT)				
		"6267907"(USPAT)				
		"6322719"(USPAT)				
		"6355186"(USPAT)				
		"6374629"(USPAT)				
		"6406642"(USPAT)				
		"6458288"(USPAT)				
		"6475405"(USPAT)				
		"6692654"(USPAT) "6756346"(USPAT)				
S13	601	208/78.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/02 16:40
S14	22	S13 and (phosphorus or	US-PGPUB;	OR	ON	2010/12/02
	\$	phosphorothion\$4).bi.	USPAT; USOCR	}	1	16:40

S15	4	refrigerat\$4 near (oil or fluid or composition or lubrica\$4) and "highly refined mineral oil" and phosphorothionate and phosphorus.bi.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/02 16:41
S16	10	refrigerat\$4 near (oil or fluid or composition or lubrica\$4) and ("aromatic ring structure" or "%C.sub. A").bi.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/02 16:41
S17	337	refrigerat\$4 near (oil or fluid or composition or lubrica\$4) and ("aromatic ring structure" or "%C.sub. A" or aromatic) and nitrogen and sulfur and @ad<"20040304"	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/02 16:41
S18	6244	mineral near (oil or basestock or base adj stock or lubrica\$5) and ("aromatic ring structure" or "%C.sub.A" or aromatic) same2 nitrogen same sulfur and @ad<"20040304"	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/02 16:42
S19	30	S18 and phosphorothionate	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/02 16:42
S20	133	refrigerat\$4 adj (oil or fluid or composition or lubrica\$4) and ("aromatic ring structure" or "%C.sub.A" or aromatic)	FPRS; EPO; JPO; DERWENT	OR	ON	2010/12/02 16:43
S21	10	S20 and phosphorus	FPRS; EPO; JPO; DERWENT	OR	ON	2010/12/02 16:43

## **EAST Search History (Interference)**

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12/ 3/ 2010 12:24:18 PM H:\ Workspaces\ 10591500.wsp